SR CONSULTANTS AND ENGINEERS

Building & Highway Material Testing,
Geotechnical Investigation, Non Destructive Testing,
Soil Stabilization & Surveys.

Abstract of Quality Assurance plan (ROAD)

Name of Work :	Flood Relief work in Netaji Nagara and Surrounding Areas in ward No.07 Byatarayanapura				
Estimate Cost :	40.000 Lakhs	Tender Agreement no & Date:		Contractor:	: Shri. B. Girish, Contractor, Bangalore.
As Per tender/ Date of commencement of work :			As Per tender /Date of completion of work:		

Sl No	Materials required for finishined item of work	Unit	Quantity of Materials	Name of Test to be Conducted	No of Tests Required	No of test by		No of test by Competent Authority / Manufacturer	Total nos of test conducted by		Frequency as per Relevent IS Codes and MoRTH Quality Plans	Reference
						Const Sub-Dn	QA Sub-dn		Const Sub-Dn	QA Sub-dn		
Concrete works												
1	Cement	Bags		Normal Consistency	1	1			1		1 test for every 5000 bags/1 test for each consignment/ as decided by the engineer incharge	IS 269, IS 455, IS 1489, IS 8112-1989 IS 12269-1987
				Initial setting time	1	1			1			
				Final setting time	1	1			1			
				Compressive strength	1	1			1			
2	20 mm down size Coarse aggregate	Cum		Seive analysis	3	3			3		One Test per 100 Cum/ or Change in source	IS 383-2016, IS2386(part1 - 8)
3	40 mm down size Coarse aggregate	Cum		Seive analysis	3	3			3		One Test per 100 Cum/ or Change in source	IS 383-2016, IS2386(part1)-1963 & sampling 2430-1969 ,4926-2003
4	Fine aggregate	Cum		Seive analysis	3	3			3		One Test per 100 cum or Change in source	IS 383-2016, IS2386(part 2)-1963 &2430-1969

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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						Const Sub-Dn	QA Sub-dn		Const Sub-Dn	QA Sub-dn		
5	Steel	MT		Tensile test a) Dia of bar b) weight/mtr c) Yeild stress d) Tensile test	3	3			3		One Test for Each Consignment (all dia of rods)	IS 1786-2008 & IS1608-2005
6	Concrete M20	Cum		28 days Compressive Strength	6	6			6		1-5cum - 1 set, 5-15 cum- 2 set, 15-30cum- 3 set, 30-50cum - 4 set , aabove 50 cum- additio 1 set and above 100 cum - 1 set for every 100 cum . For RMC concrete 1 set for every 50cum or part/ As decided by Engineer Incharge	IS 456-2000,IS4926-2003,IS 516-1959 & 1199-1959 IS 8112-1989 for 43 grade IS 12269-1987 for 53 grade
7	Concrete M20	Cum		28 days Compressive Strength	6	6			6		1-5cum - 1 set, 5-15 cum- 2 set, 15-30cum- 3 set, 30-50cum - 4 set , aabove 50 cum- additio 1 set and above 100 cum - 1 set for every 100 cum . For RMC concrete 1 set for every 50cum or part/ As decided by	IS 456-2000,IS4926-2003,IS 516-1959 & 1199-1959 IS 8112-1989 for 43 grade IS 12269-1987 for 53 grade
8	100 mm Slab	1	1									
9	230 mm Slab	1	1									

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